

Title (en)

DURABLE INTERFACE FOR WIPING ELECTRICAL CONTACTS

Title (de)

LANGLEBIGE SCHNITTSTELLE ZUM ABWISCHEN ELEKTRISCHER KONTAKTE

Title (fr)

INTERFACE DURABLE POUR L'ESSUYAGE DE CONTACTS ÉLECTRIQUES

Publication

EP 3549207 A4 20200722 (EN)

Application

EP 17875923 A 20171201

Priority

- US 201615367842 A 20161202
- US 2017064143 W 20171201

Abstract (en)

[origin: US2018159271A1] A durable low friction interface for electrical connections that delays contact between conductive materials until a substantial portion of insertion has been completed. A terminal plug embodiment and a coupling embodiment are disclosed, each containing a durable low friction interface.

IPC 8 full level

H01R 13/631 (2006.01); **H01R 13/28** (2006.01); **H01R 13/639** (2006.01); **H01R 24/28** (2011.01)

CPC (source: EP US)

H01R 13/28 (2013.01 - EP); **H01R 13/631** (2013.01 - US); **H01R 13/639** (2013.01 - US); **H01R 24/28** (2013.01 - EP US);
H01R 2103/00 (2013.01 - EP US)

Citation (search report)

- [A] US 4083617 A 19780411 - WYATT ROBERT S
- [A] US 2016181716 A1 20160623 - RAMANNA NRUPATHUNGA CHAKRAVARTHY SOMANATHAPURA [IN], et al
- [A] US 3218599 A 19651116 - WINKLER EDWARD D
- [A] US 7153152 B1 20061226 - EBY RICHARD L [US], et al
- [A] US 2009011657 A1 20090108 - CHANG MU LIN [TW]
- See references of WO 2018102646A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

US 10033139 B2 20180724; US 2018159271 A1 20180607; CA 3044671 A1 20180607; CA 3044671 C 20220607; EP 3549207 A1 20191009;
EP 3549207 A4 20200722; WO 2018102646 A1 20180607

DOCDB simple family (application)

US 201615367842 A 20161202; CA 3044671 A 20171201; EP 17875923 A 20171201; US 2017064143 W 20171201